





Marcos Agnoletto Forte

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Education

- Feb/22 – Aug/26*  Ph.D. in Mathematics at the **Universidade Federal do ABC (UFABC)**.
Scholarship: CAPES.
Advisors: *Stefano Nardulli, Márcio Fabiano da Silva, Paolo Piccione and Reinaldo Resende*.
*Expected.
- Jun/19 – Jan/22  Master's Degree in Mathematics at the **Universidade Federal do ABC (UFABC)**.
Scholarship: CAPES.
Advisors: *Stefano Nardulli and Márcio Fabiano da Silva*.
- Aug/18 – Sep/22  Bachelor's Degree in Mathematics at the **Universidade Federal do ABC (UFABC)**.
Scholarship: CAPES and UFABC.
Advisor: *Márcio Fabiano da Silva and Mariana Rodrigues da Silveira*.
- Jun/14 – Sep/18  Bachelor's Degree in Science and Technology at the **Universidade Federal do ABC (UFABC)**.
Scholarship: CAPES.
Advisor: *Márcio Fabiano da Silva*.

Research

Preprints


- 1 M. A. Forte, J. C. C. Hoyos, M. F. da Silva, and S. Nardulli, *Riemannian Intrinsic Allard's Interior Regularity Theorem*, Shortly.

Academic Works





- 1 M. A. Forte and M. F. da Silva, "A Stereological Version Of Gauss-Bonnet Formula," Bachelor thesis, May 2022.
- 2 M. A. Forte, M. F. da Silva, and S. Nardulli, "Optimal Isoperimetric Inequality In Cartan-Hadamard Manifolds And The Aubin's Conjecture," Master thesis, In portuguese, Available in: Plataforma Sucupira, Accessed July, 2023, Dec. 2021.
- 3 M. A. Forte and M. R. da Silveira, "Homology Of Surfaces," Undergraduate research, Nov. 2019.
- 4 M. A. Forte and M. F. da Silva, "Geometric Probability And The Integral Geometry On Euclidean Plane II," Undergraduate research, Nov. 2017.
- 5 M. A. Forte and M. F. da Silva, "Geometric Probability And The Integral Geometry On Euclidean Plane I," Undergraduate research, Nov. 2016.

Events

Talks





- January, 2023  Primeiro Workshop da Pós-Graduação Integrada com a semana da Física, UNESP, Brazil.
Talk title: *Limits of spacetimes*.

Posters

- August, 2024  VII Congresso Latino-Americano e do Caribe de Matemática, UFPB, Brazil.
Poster title: *An intrinsic Riemannian monotonicity formula for general Varifolds*.
- November, 2019  XII Simpósio de Iniciação Científica, UFABC, Brazil.
Poster title: *Homology Of Surfaces*.
- November, 2017  X Simpósio de Iniciação Científica, UFABC, Brazil.
Poster title: *Geometric Probability And The Integral Geometry On Euclidean Plane II*.
- November, 2016  IX Simpósio de Iniciação Científica, UFABC, Brazil.
Poster title: *Geometric Probability And The Integral Geometry On Euclidean Plane I*.

Teaching

Teaching Assistant

- Sept/23 – Dec/23  Differential Geometry II at the Universidade Federal do ABC.
- Feb/20 – May/20  Non-Euclidean Geometry at the Universidade Federal do ABC.
- Jul/19 – Dec/19  Calculus II at the Universidade Federal do ABC.
- Feb/19 – Jun/19  Calculus I at the Universidade Federal do ABC.

References

Available on Request.